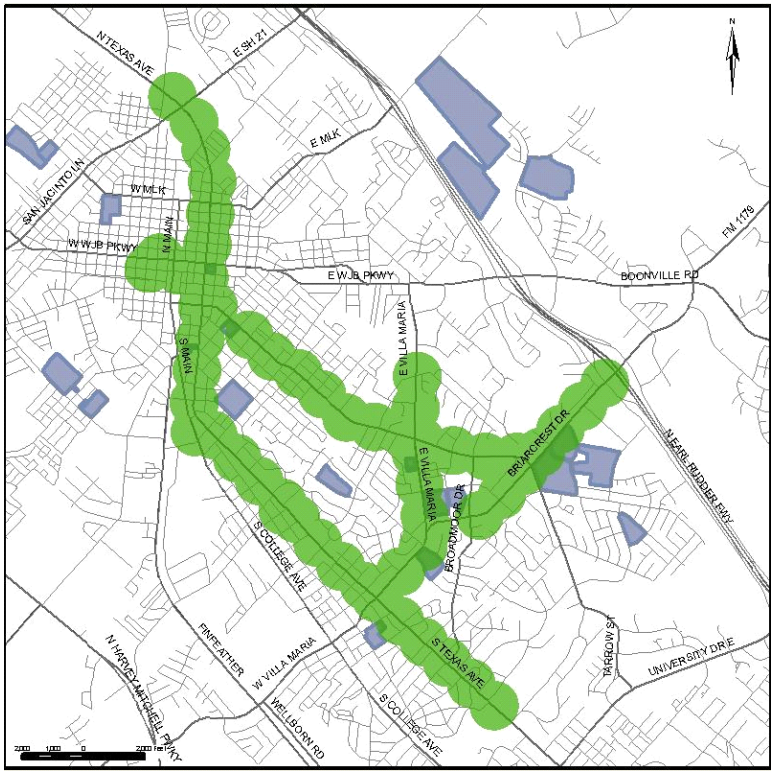
2010- 2014 Capital Improvement Program
Project: IT_10_001

Project Name: Outdoor Wireless Mesh (Phase 1)

Location: Street Corridors

CIP Project:
Council District: All
Type / Source: Information Technology / IT Staff
CIP Ranking: 999
Projected Cost Year: 2010
Projected Cost: $520,000



Description

This project addresses the need for high speed wireless data for public safety and economic development. The goal is to build a Wi-Fi backbone along the main street corridors for high speed wireless access, then build out to other areas of the city as needed.

Justification

Phase One:
Build wireless backbone along major street corridors, on S Texas Ave, Briarcrest Dr, Villa Maria and East 29th.
The city needs high speed outdoor wireless to better serve data needs for city vehicles in departments such as Police, Fire, Transportation and Water Services. This would also enable the city to be able to gain access to traffic signals, add cameras to intersections. An added benefit would be to enable wireless hotspots throughout the city to encourage economic development.

Funding

Type	Original	Source	2010	2011	2012	2013	2014
General	$500,000	General	$520,000	$0	$0	$0	$0
Const/ROW	**$500,000**		**$520,000**	**$0**	**$0**	**$0**	**$0**
Total	**$500,000**		**$520,000**	**$0**	**$0**	**$0**	**$0**

Funding Source Summary

Source	Original		2010	2011	2012	2013	2014
General	$500,000		$520,000	$0	$0	$0	$0
Total	**$500,000**		**$520,000**	**$0**	**$0**	**$0**	**$0**